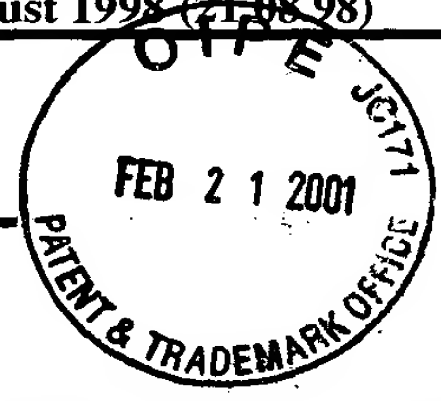


02-23-01 1003 Rec'd PCT/PTO 21 FEB 2001 BOSTON PCT

FORM PTO-1390 (Modified) (REV 11-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 0317 US
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.53) --to be assigned-- 09/763498
INTERNATIONAL APPLICATION NO. PCT/US99/18771	INTERNATIONAL FILING DATE 20 August 1999 (20.08.99)	PRIORITY DATE CLAIMED 21 August 1998 (21.08.98)		
TITLE OF INVENTION HUMAN IL-1 EPSILON DNA AND POLYPEPTIDES				
APPLICANT(S) FOR DO/EO/US SIMS, John E. and SMITH, Dirk E.				

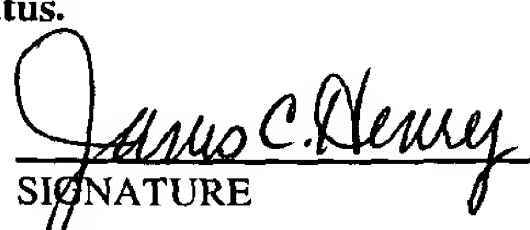


Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- 2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
- 3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
- 4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- 5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
- ☒ A copy of the International Search Report (PCT/ISA/210).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
- ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
- 12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

- Items 13 to 20 below concern document(s) or information included:
- 13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
  - 14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
  - 15. ☒ A **FIRST** preliminary amendment.
  - 16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
  - 17. ☐ A substitute specification.
  - 18. ☐ A change of power of attorney and/or address letter.
  - 19. ☒ Certificate of Mailing by Express Mail
  - 20. ☒ Other items or information:

Confirmation Postcard  
Sequence Diskette  
Statement Under 37 CFR 1.821(f)

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.53) <b>097763408</b> --to be assigned		INTERNATIONAL APPLICATION NO. <b>PCT/US99/18771</b>	ATTORNEY'S DOCKET NUMBER <b>0317-US</b>
21. The following fees are submitted: <b>BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5)) :</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1,000.00</b> <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$860.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$710.00</b> <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$690.00</b> <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b> <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>			<b>CALCULATIONS PTO USE ONLY</b>       <b>\$860.00</b>
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).			<b>\$130.00</b>
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	23 - 20 =	3	x \$18.00
Independent claims	9 - 3 =	6	x \$80.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>			<b>\$0.00</b>
<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$1,524.00</b>
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable) <input type="checkbox"/>			<b>\$0.00</b>
<b>SUBTOTAL =</b>			<b>\$1,524.00</b>
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).			<b>\$0.00</b>
<b>TOTAL NATIONAL FEE =</b>			<b>\$1,524.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable) <input type="checkbox"/>			<b>\$0.00</b>
<b>TOTAL FEES ENCLOSED =</b>			<b>\$1,524.00</b>
			Amount to be refunded \$
			charged \$
<input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.			
<input checked="" type="checkbox"/> Please charge my Deposit Account No. <b>09-0089</b> in the amount of <b>\$1,524.00</b> to cover the above fees. A duplicate copy of this sheet is enclosed.			
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. <b>09-0089</b> A duplicate copy of this sheet is enclosed.			
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>			
<b>SEND ALL CORRESPONDENCE TO:</b>			
<b>Janis C. Henry</b> <b>Immunex Corporation</b> <b>Law Department</b> <b>51 University Street</b> <b>Seattle, Washington 98101</b>  <b>Telephone: (206) 587-0430</b> <b>Facsimile: (206) 233-0644</b>		 SIGNATURE <b>Janis C. Henry</b> NAME <b>34,347</b> REGISTRATION NUMBER <b>February 21, 2001</b> DATE	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: John E. Sims and Dirk E. Smith  
Docket No.: 0317-US  
Serial No.: --to be assigned--  
Art Unit: unknown  
Filed: February 21, 2001  
Examiner: unknown  
For: HUMAN IL-1 EPSILON DNA AND POLYPEPTIDES

CERTIFICATE OF MAILING BY EXPRESS MAIL

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**EXPRESS MAIL LABEL NUMBER: EL591095021US**

I hereby certify that the enclosed correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date listed below, and is addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

Transmittal Letter(2 pages + copy)  
Statement Under 37 CFR § 1.821(f)  
Sequence Listing (diskette)  
Preliminary Examination Report  
International Search Report  
Postcard

Signed: Nanci M. Keftson  
Nanci M. Keftson

Date: Feb. 21, 2001